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Amendments to the Claims:

1.-73. (Cancelled).

74. (Currently amended) An optical device comprising a light transmissive plate-shaped light guide for guiding light incident from an end surface, an optical control layer provided on a lower surface of said plate-shaped light guide through a transparent electrode provided as a first electrode, a reflection film provided on a lower surface of said optical control layer, a second electrode provided on a lower surface of said reflection film, and a substrate provided on a lower surface of said second electrode,

wherein said optical control layer changes in scattering degree or diffraction efficiency by an electric field applied by said first electrode and said second electrode.

75. (Original) The optical device as claimed in Claim 74, further comprising a light absorption film disposed between said reflection film and said second electrode.

76.-79. (Cancelled).

80. (Previously presented) The optical device as claimed in Claim 74, wherein at least one of said first electrode and said second electrode comprises an electrode group divided into strips, when both of said first electrode and said second electrode comprise electrode groups divided into strips, said plurality of strip-formed electrodes constituting said first electrode and said plurality of strip-formed electrodes constituting said second electrodes are disposed to be perpendicular to each other.

81.-82. (Cancelled).

83. (Previously presented) The optical device as claimed in Claim 74, wherein at least one of said first electrode and said second electrode is divided into display pixel units, and each of said divided display pixel units has a switching device.

84.-92. (Cancelled).

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- 93. (Previously presented) The optical device as claimed in Claim 74, wherein said optical control layer is made of a reverse mode polymer dispersed liquid crystal which is constructed by dispersing a low molecular-weight liquid crystal in a liquid crystalline polymer, and said optical control layer becomes a uniform birefringent thin film when no electric field is applied and becomes a scattering state when an electric field is applied.
- 94.-98. (Cancelled).
- 99. (Previously presented) The optical device as claimed in Claim 74, wherein said optical control layer comprises one of constructions of liquid crystal particles dispersed in a polymer resin area, a polymer dispersed liquid crystal comprising polymer resin particles dispersed in a liquid crystal, and a polymer dispersed liquid crystal in which respective polymer resin area and liquid crystal area form continuous areas.
- 100.-110. (Cancelled).
- 111. (Previously presented) The optical device as claimed in Claim 74, wherein said reflection film comprises one selected from:
 - a dielectric multilayered film; and
 - a film lower in refractive index than said light guide.
- 112.-116. (Cancelled).
- 117. (Currently amended) A display apparatus comprising an optical device and a illumination means for applying light to said optical device,

said optical device having an end surface for incident light from said illumination means, a light transmissive plate-shaped light guide for guiding incident light, an optical control layer provided on a lower surface of said light guide through a transparent electrode provided as a first electrode, a reflection film provided on a lower surface of said optical control layer, a second electrode provided on a lower surface of said reflection film, and a substrate provided on a lower surface of said second electrode,

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wherein said optical control layer changes in scattering degree or diffraction efficiency by an electric field applied by said first electrode and said second electrode.

118. (Original) The display apparatus as claimed in Claim 117, further comprising a light absorption film disposed between said reflection film and said second electrode.

119.-122. (Cancelled).

123. (Previously presented) The optical device as claimed in Claim 117, wherein at least one of said first electrode and said second electrode comprises an electrode and said second electrode group divided into strips, when both of said first electrode and said second electrode comprise electrode groups divided into strips, said plurality of strip-formed electrodes constituting said first electrode and said plurality of strip-formed electrodes constituting said second electrodes are disposed to be perpendicular to each other.

124.-125. (Cancelled).

126. (Previously presented) The display apparatus as claimed in Claim 117, wherein at least one of said first electrode and said second electrode is divided into display pixel units, and each of said divided display pixel units has a switching device.

127.-135. (Cancelled).

136. (Previously presented) The display apparatus as claimed in Claim 117, wherein said optical control layer is made of a reverse mode polymer dispersed liquid crystal which is constructed by dispersing a low molecular-weight liquid crystal in a liquid crystalline polymer, and said optical control layer becomes a uniform birefringent thin film when no electric field is applied and becomes a scattering state when an electric field is applied.

137.-141. (Cancelled).

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142. (Previously presented) The display apparatus as claimed in Claim 117, wherein said optical control layer comprises one of constructions of liquid crystal particles dispersed in a polymer resin area, a polymer dispersed liquid crystal comprising polymer resin particles dispersed in a liquid crystal, and a polymer dispersed liquid crystal in which respective polymer resin area and liquid crystal area form continuous areas.

143.-153. (Cancelled).

154. (Currently amended) The display apparatus as claimed in Claim 117, wherein said reflection film comprises one selected from a dielectric multilayered film and a film lower in refractive index than a dielectric multilayered film or said light guide.

155.-159. (Cancelled).

160. (Previously presented) The display apparatus as claimed in Claim 117, wherein said illumination means has at least a red light source, a blue light source, and a green light source, and further comprising means for successively switching said red light source, blue light source and green light source in synchronization with display image.

161.-165. (Cancelled).

166. (New) An optical device comprising a light transmissive plate-shaped light guide for guiding light incident from an end surface, an optical control layer provided on a lower surface of said plate-shaped light guide through a transparent electrode provided as a first electrode, a reflection film provided on a lower surface of said optical control layer, a second electrode provided on a lower surface of said reflection film, and a substrate provided on a lower surface of said second electrode,

wherein said optical control layer changes in scattering degree or diffraction efficiency by an electric field applied by said first electrode and said second electrode, and wherein said optical control layer comprises a holographic polymer dispersed liquid crystal having a structure periodically distributed in the form of a diffraction grating.

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167. (New) A display apparatus comprising an optical device and an illumination means for applying light to said optical device,

said optical device having an end surface for incident light from said illumination means, a light transmissive plate-shaped light guide for guiding incident light, an optical control layer provided on a lower surface of said light guide through a transparent electrode provided as a first electrode, a reflection film provided on a lower surface of said optical control layer, a second electrode provided on a lower surface of said reflection film, and a substrate provided on a lower surface of said second electrode,

wherein said optical control layer changes in scattering degree or diffraction efficiency by an electric field applied by said first electrode and said second electrode, and wherein said optical control layer comprises a holographic polymer dispersed liquid crystal having a structure periodically distributed in the form of a diffraction grating.